MECHANICAL CONTRACTOR JOC: PROJECT NO. MJOC12

PROJECT: JOB ORDER CONTRACT SERVICES

OWNER: County of San Bernardino

BID OPENING: October 24, 2019 @ 10:00 AM

BIDDER: Mesa Energy Systems, Inc.

TRADE: MECHANICAL CONTRACTOR MJOC12

County of San Bernardino
Real Estate Services Department –
Project Management Division
385 North Arrowhead Avenue
Third Floor
San Bernardino, CA 92415-0184
www.sbcounty.gov/ae

In compliance with your invitation for bids, the undersigned has carefully examined the project Bid Documents, for Job Order Contract in the County of San Bernardino, California, and fully understands the scope and meaning of the Bid Documents.

The undersigned hereby agrees to furnish all materials, labor, tools, equipment, apparatus, facilities, and transportation necessary to complete Job Orders as described in the Bid Documents and to execute the contract to the satisfaction of the Real Estate Services Department – Project Management Division, at the following cost(s):

BID

The two (2) responsible and responsive bidder who submitted the two lowest Award Criteria Figures shall be awarded the contract, if they are awarded. The two (2) lowest Award Criteria Figures will be considered the lowest bids. The Award Criteria Figure will be determined by utilizing the following award formula: Factor 1 will be multiplied by .75, Factor 2 will be multiplied by .05, Factor 3 will be multiplied by .025, Factor 4 will be multiplied by .025, Factor 5 will be multiplied by .05, Factor 6 will be multiplied by .05, Factor 7 will be multiplied by .025 and Factor 8 will be multiplied by .025. These numbers will be summed for an Award Criteria Figure, and the two (2) lowest composite bids will be considered the two low bids.

Any alteration or addition to the form of Bid Proposal will invalidate same. Fill out completely all blank spaces. An incomplete form will invalidate bid.

All Adjustment Factors include applicable California state sales, tax, bonds, insurance and all other costs required to perform the Job Orders as described in the Bid Documents.

ADJUSTMENT FACTORS:

The Adjustment Factors will be used to price out fixed price Job Orders by multiplying the Adjustment Factor by the Unit Prices and quantities. The Contractor's eight (8) Adjustment Factors will be applied against the prices set forth in the Unit Price Book. The County has been divided into two (2) Zones, as depicted on the attachment to these bid documents. The Adjustment Factors are as follows:

Zone 1: Factor 1 - Normal Working Hours (7:00 a.m. to 5:00 p.m. Monday through Friday).

Zone 1: Factor 2 - Other Than Normal Working Hours (5:01 p.m. to 6:59 a.m. Monday through Friday, as well as Saturday, Sunday and County holidays).

Zone 1: Factor 3 - Rapid Response Projects; for Normal Working Hours and Other Than Normal Working Hours.

Zone 1: Factor 4 - Restricted and/or California Office of Statewide Health Planning and Development (OSHPD) Facilities; for Normal Working Hours and Other Than Normal Working Hours.

Zone 2: Factor 5 - Normal Working Hours (7:00 a.m. to 5:00 p.m. Monday through Friday).

Zone 2: Factor 6 - Other Than Normal Working Hours (5:01 p.m.to 6:59 a.m. Monday through Friday, as well as Saturday, Sunday and County holidays).

Zone 2: Factor 7 - Rapid Response Projects; for Normal Working Hours and Other Than Normal Working Hours.

Zone 2: Factor 8 - Restricted and/or California Office of Statewide Health Planning and Development (OSHPD) Facilities; for Normal Working Hours and Other Than Normal Working Hours.

ZONE 1

FACTOR 1 - Unit work requirements to be performed during Normal Working Hours (7:00 a.m. to 5:00 p.m. Monday through Friday) as ordered by the County in individual Job Orders against the contract.

1 . 3 5 8 9

Utilize four decimal places

One point three five eight nine

Bid for Normal Working Hours, Zone 1 (in words)

FACTOR 2 - Unit work requirements to be performed during Other Than Normal Working Hours (5:01 p.m. to 6:59 a.m. Monday through Friday, and Saturday, Sunday and County holidays) as ordered by the County in individual Job Orders against the contract. Factor 2 must be greater than Factor 1.

1 . 4 9 0 0

Utilize four decimal places

One point four nine zero zero

Bid for Other Than Normal Working Hours, Zone 1 (in words)

FACTOR 3 – Rapid Response Projects. Factor 3 must be greater than Factor 2.

1 . 4 9 9 0

Utilize four decimal places

One point four nine nine zero

Bid for Rapid Response Projects, Zone 1 (in words)

FACTOR 4 – Restricted and/or California Office of Statewide Health Planning and Development (OSHPD) Facilities Projects. Factor 4 must be greater than Factor 3.

1 . 5 3 0 0

Utilize four decimal places

One point five three zero zero

Bid for Restricted and/or California Office of Statewide Health Planning and Development (OSHPD) Facilities Projects, Zone 1 (in words)

ZONE 2

FACTOR 5 - Unit work requirements to be performed during Normal Working Hours (7:00 a.m. to 5:00 p.m. Monday through Friday) as ordered by the County in individual Job Orders against the contract. Factor 5 must be greater than Factor 4. Factor 5 must be 30% higher than Factor 1.

1 . 6 8 0 0

Utilize four decimal places

One point six eight zero zero

Bid for Normal Working Hours, Zone 2 (in words)

FACTOR 6 - Unit work requirements to be performed during Other Than Normal Working Hours (5:01 p.m. to 6:59 a.m. Monday through Friday, and Saturday, Sunday and County holidays) as ordered by the County in individual Job Orders against the contract. Factor 6 must be greater than Factor 5.

1 . 7 9 0 0

Utilize four decimal places

One point seven nine zero zero

Bid for Other Than Normal Working Hours, Zone 2 (in words)

FACTOR 7 – Rapid Response Projects. Factor 7 must be greater than Factor 6.

1 . 7 9 9 0

Utilize four decimal places

One point seven nine nine zero

Bid for Rapid Response Projects, Zone 2 (in words)

The award formula below is an integral part of this Bid Proposal, and to be responsive, the bidder shall quote for the total works above, and also shall complete the award formula below to determine the Award Criteria Figure.

FACTOR 8 – Restricted and/or California Office of Statewide Health Planning and Development (OSHPD) Facilities Projects. Factor 8 must be greater than Factor 7.

1.8300

Utilize four decimal places

One point eight three zero zero

Bid for Restricted and/or California Office of Statewide Health Planning and Development (OSHPD) Facilities Projects, Zone 2 (in words)

The award formula below is an integral part of this Bid Proposal, and to be responsive, the bidder shall quote for the total works above, and also shall complete the award formula below to determine the Award Criteria Figure.

AWARD FORMULA

Line 1: Zone 1, Factor 1	1.3589
Line 2: Multiply Line 1 by (.75)	1.019
Line 3: Zone 1, Factor 2	1.4900
Line 4: Multiply Line 3 by (.05)	0.0745
Line 5: Zone1, Factor 3	1.4990
Line 6: Multiply Line 5 by (.025)	0.0375
Line 7: Zone 1, Factor 4	1.5300
Line 8: Multiply Line 7 by (.025)	0.0383
Line 9: Zone 2, Factor 5	1.6800
Line 10: Multiply Line 9 by (.05)	0.0840
Line 11: Zone 2, Factor: 6	1.7900

Line 12: Multiply Line 11 by (.05)	0.0895
Line 13: Zone 2, Factor: 7	1.7990
Line 14: Multiply Line 13 by (.025)	0.0450
Line 15: Zone 2, Factor 8	1.8300
Line 16: Multiply Line 15 by (.025)	0.0458
Line 17: Add Lines 2, 4, 6, 8, 10, 12, 14, 16	1.4336

The above Adjustment Factors are to be specified to four decimal places. Any alteration, erasure, or change must be clearly indicated and initialed by the bidder. All prices and information required on the bid form must be either typewritten or neatly printed in ink (use figures only). The County of San Bernardino reserves the right to revise all arithmetic errors in calculations for correctness. The Bid factor of each item on the Proposal must be stated in words and numerals; in case of a conflict, words will take precedence. In the case of a discrepancy between the written bid or numerical bid set forth on the Bid Proposal, and the numerical bid set forth in the ePro system, the information on the Bid Proposal shall prevail. The County reserves the right to reject any and all bids and to waive any irregularities.

All Unit Prices listed in the Construction Task Catalog® are priced at a net value of 1.0000. The Adjustment Factors shall be an increase or decrease to all the Unit Prices listed in the Construction Task Catalog®. For example, 1.1000 would be a 10% increase to the Unit Prices and 0.9500 would be a 5% decrease to the Unit Prices. Bidders who submit separate Adjustment Factors for separate Unit Prices will be considered non-responsive and their bid will be rejected.

The weighted multipliers above are for the purpose of calculating an Award Criteria Figure only. No assurances are made by the County that Work will be ordered under the Contract in a distribution consistent with the weighted percentages above. The Award Criteria Figure is only used for the purpose of determining the Bid.

When submitting Job Order Price Proposals related to specific Job Orders, the Bidder shall utilize one or more of the Adjustment Factors applicable to the Work being performed.

TIME FOR COMPLETION:

Twelve (12) months from the contract start date or expenditure of the stated maximum value of the contract, whichever occurs first. This is a bid for a Contract for repair, remodel or other repetitive work specified in individual Job Orders, effective for a period of 12 months from the start date of the Contract approved by the Board of Supervisors. Job Orders issued prior to, but

not completed, by the expiration of the Contract period will be completed with all provisions of the Contract still in force. Supplemental Job Orders to an original Job Order issued prior to but not completed by the expiration of the contract prior, will be completed with all the provisions of this contract still in force.

BID DEPOSIT (BID BOND)

There is enclosed herewith, a certified check or surety bond in the amount of Twenty Five Thousand Dollars ($25,000), made payable to the County of San Bernardino. The undersigned agrees that in the event of the failure by the undersigned to execute the necessary contract and furnish the required contract bonds and insurance, the certified check or surety bond and the money payable thereon shall be, and remain, the property of the County of San Bernardino. If the bid is accompanied by a certified or cashier's check, the check shall be deposited by the Real Estate Services Department – Project Management Division, and a County warrant for the full amount shall be issued to the undersigned approximately one month after Contract Award.

If the bid is submitted through the County of San Bernardino Electronic Procurement Network (ePro) then scan the bid security (bid bond) and submit the scanned copy with your bid submittal in ePro, additionally, mail or submit the original bid security, in a separate sealed envelope labeled "Bid Bond" with the title of the work and the name of the bidder clearly marked on the outside, to: Real Estate Services Department – Project Management Division, 385 North Arrowhead Avenue, 3rd Floor, San Bernardino, California, 92415-0184. **Any mailed or submitted bid security must be received on or before the time set for the opening of the bids.**

LIQUIDATED DAMAGES

Pursuant to the provisions of Government Code Section 53069.85 and in the event that all the Work called for in this Contract is not completed within the number of calendar days set forth within the individual Job Order, Contractor shall forfeit and pay to the County the sum of between $200 to $750 per calendar day, depending on the Job Order price and as described in the General Conditions, the work remains incomplete, to be deducted from any payments due or to become due to the Contractor. (Reference General Conditions and individual Job Orders)

ESCROW ACCOUNT

Pursuant to Section 22300 of the Public Contract Code, at the request and expense of the Contractor, the Contractor may substitute qualified securities in lieu of retention withheld by the County and/or establish an escrow account for retention payments.

REJECTION OF BIDS

The undersigned agrees that the Board of Supervisors reserves the right to reject any or all bids, and reserves the right to waive informalities in a bid or bids, not affected by law, if to do so seems to best serve the public interest.

VALIDITY OF BIDS

The undersigned agrees that this bid will remain valid for sixty (60) days after the scheduled bid opening.

STATE LICENSES

The undersigned hereby certifies that he is currently the holder of a valid Class "C-4 and C-20" license as a contractor in the State of California and that the license is the correct class of license as listed in the instruction to bidders. The undersigned also certifies that all subcontractor(s) that will be utilized as per individual Job Orders will be the holder of valid contractor's license(s) in the State of California and the license is the correct class of license for the work to be performed by the subcontractor(s).

INSURANCE

The undersigned agrees to furnish certified copies of all insurance policies and endorsements; all certificates of comprehensive, general and auto liability insurance; Workers' Compensation insurance; and such other insurance that will protect him from claims for damages and personal injury, including death, which may arise from operations under the contract, whether such operation be by the undersigned or by any subcontractor of the undersigned, or anyone directly or indirectly employed by the undersigned or any subcontractor of the undersigned in accordance with Section 77 of the General Conditions. **The undersigned agrees to provide the Real Estate Services Department – Project Management Division with Certificates of Insurance evidencing the required insurance coverage at the time Contractor executes the contract with the County.** All policies (excluding Workers' Compensation) shall name the County of San Bernardino as an additional insured. All coverages shall be subject to approval by the County for adequacy of protection.

BONDS

If this Bid is successful, the undersigned agrees to execute the required Standard Contract and will furnish a payment bond in an amount equal to one hundred percent (100%) of the potential maximum contract price and a Faithful Performance Bond in an amount equal to one hundred percent (100%) of the potential maximum contract price. These bonds shall be secured from a surety company or companies satisfactory to the County within ten (10) calendar days of the contract award. Bonds shall remain in full force and effect for a period of one year following the date of filing of Notice of Completion.

FORMER COUNTY OFFICIALS

Contractor agrees to provide or has already provided information on former County of San Bernardino administrative officials (as defined below) who are employed by or represent Contractor. The information provided includes a list of former county administrative officials who terminated county employment within the last five years and who are now officers, principals, partners, associates or members of the business. The information also includes the employment with or representation of contractor. For purposes of this provision, "county administrative

official" is defined as a member of the Board of Supervisors or such officer's staff, Chief Executive Officer or member of such officer's staff, county department or group head, assistant department or group head, or any employee in the Exempt Group, Management Unit or Safety Management Unit.

INACCURACIES OR MISREPRESENTATIONS

If during the course of the bid proposal process or in the administration of a resulting Contract, the County determines that the contractor has made a material misstatement or misrepresentation or that materially inaccurate information has been provided to the County, the contractor may be terminated from the bid proposal process, or in the event a Contract has been awarded, the Contract may be immediately terminated. If a Contract is terminated according to this provision, the County is entitled to pursue any available legal remedies.

IRAN CONTRACTING ACT OF 2010

(Public Contract Code sections 2200 et seq.)
(Applicable for all Bids of one million dollars ($1,000,000) or more)
(The Certification below is part of the Proposal/Bid and signing the Proposal/Bid shall constitute signature of this Certification)

In accordance with Public Contract Code section 2204(a), the proposer/bidder certifies that at the time the Proposal/Bid is submitted, the proposer/bidder signing the Proposal/Bid is not identified on a list created pursuant to subdivision (b) of Public Contract Code section 2203 (http://www.dgs.ca.gov/pd/Resources/PDLegislation.aspx) as a person (as defined in Public Contract Code section 2202(e)) engaging in investment activities in Iran described in subdivision (a) of Public Contract Code section 2202.5, or as a person described in subdivision (b) of Public Contract Code section 2202.5, as applicable.

Proposers/bidders are cautioned that making a false certification may subject the proposer/bidder to civil penalties, termination of existing contract, and ineligibility to bid on a contract for a period of three (3) years in accordance with Public Contract Code section 2205.

DESIGNATION OF SUBCONTRACTORS

In compliance with the provisions of Sections 4100-4108 of the Public Contract Code of the State of California, and any amendments thereof, the undersigned shall provide after award of contract the name, location of the place of business and the California contractor license number of each subcontractor who will perform work for individual Job Orders (meaning the total amount of the subcontractor's contract amount including all labor, materials, supplies and services) in excess of one-half of one percent (1/2 of 1%) of the total bid; and, the general category or the portion of the work to be performed by each subcontractor. The subcontractor information will be provided as part of a complete Job Order Proposal.

Where a hearing is required for a decision on the substitution of subcontractors, pursuant to the provisions of Chapter 4, Part 1, Division 2, of the Public Contract Code, (commencing with Section

4100) by the awarding authority, or a duly appointed hearing officer, the Clerk of the Board of Supervisors shall prepare and certify a statement of costs incurred by the County for investigation, and to conduct the hearing, including the costs of any hearing officer and shorthand reporter appointed. For the purposes of a hearing for the substitution of subcontractors (pursuant to the Public Contract Code commencing with Section 4100) the awarding authority shall be the Director of the Real Estate Services Department, or his/her designee. The statement of costs shall be sent to the undersigned, who shall reimburse the County for all costs. If not paid separately, such reimbursement shall be deducted from monies due and owing to the undersigned prior to acceptance of the project.

The undersigned certifies that it and all subcontractor(s) it will use to perform Work will be registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5. The undersigned agrees that no contractor or subcontractor may be awarded a contract for public work or perform work on a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5. The undersigned acknowledges that the project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

As required by Labor Code 1771.1(a) "A contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, as defined in this chapter, unless currently registered and qualified to perform public work pursuant to Section 1725.5. It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded."

ADDENDA No Addendum have been received

This bid includes: Addendum No. _____ dated _____

Addendum No. _____ dated _____

Addendum No. _____ dated _____

AFFIDAVIT

The undersigned has submitted with the Bid Proposal a non-collusion declaration, signed under penalty of perjury, for the principal contractor. The undersigned agrees to furnish the County non-collusion declarations for subcontractors, signed under penalty of perjury, and states that this is a genuine Proposal and is neither collusive nor made in the interest of any other person, and has not induced anyone to submit a sham bid or refrain from bidding.

The undersigned acknowledges it has registered with the ePro system prior to the date and time to receive sealed bids or it will be disqualified.

The undersigned declares: that the only person or parties interested in this Proposal as principals are those named herein; that this bid is made without any connection with any other person or persons making a bid for the same work, except for another division of the undersigned which may submit an independent bid; that the bid is in all respects fair and without collusion or fraud; that the undersigned has read the Advertisement for Bids and the Instructions to Bidders and agrees to all the stipulations contained therein; that the undersigned has examined the form of contract (including the specifications, drawings, and other documents incorporated therein by reference); that in the event this bid as submitted, including the incorporated bidding documents, be accepted by the County, the undersigned shall execute a contract to perform the work as outlined herein.

If undersigned is a corporation, the Proposal must be signed by an authorized officer of the corporation.

If the Bid Proposal is submitted through ePro the undersigned acknowledges that its electronic signature(s) is legally binding.

Check One: ( ) Sole Proprietor; ( ) Partnership; (X) Corporation; ( ) Other

Name of Bidder: Mesa Energy Systems, Inc.

Address: 2 Cromwell, Irvine, CA 92618

Phone: 949-460-5010

Email: BGilbert@emcor.net

Contractor's License No.: 611215 Primary Class: C20 and C4

Expiration Date of Contractor's License 01/31/21

Contractor's DIR Registration # 1000002425

I declare under penalty of perjury the above is true and correct.

Authorized Signature: Title: Vice President

Print Name: Bryan Gilbert Date: 10/23/19

NONCOLLUSION DECLARATION

TO BE EXECUTED BY BIDDER AND SUBMITTED WITH BID

The undersigned declares:

I am the Vice President of Mesa Energy Systems, Inc., the party making the foregoing bid.

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or to refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or of any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder. All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, to effectuate a collusion or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on October 23, 2019 [date], at Irvine [city], California [state].

Signed: _____
Bryan Gilbert

Title: Vice President

Document A310 TM – 2010

Conforms with The American Institute of Architects AIA Document 310

Bid Bond

CONTRACTOR:
(Name, legal status and address)

Mesa Energy Systems, Inc.
2 Cromwell
Irvine, CA 92618

OWNER:
(Name, legal status and address)

County of San Bernardino
385 N. Arrowhead Avenue, Third Floor
San Bernardino, CA 92415-0184

SURETY:
(Name, legal status and principal place of business)

Travelers Casualty and Surety Company of America
One Tower Square
Hartford, CT 06183-6014
Mailing Address for Notices
One Tower Square
Hartford, CT 06183-6014

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

BOND AMOUNT: $25,000.00 Twenty Five Thousand Dollars and 00/100

PROJECT:
(Name, location or address, and Project number, if any)

Mechanical Contractor JOC: Project No. MJOC12

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 8th day of October, 2019.

(Witness)

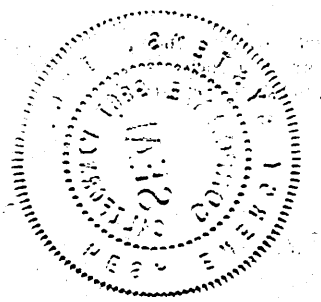
(Witness)

Mesa Energy Systems, Inc.
(Principal) *(Seal)*

By:
(Title) STEPHEN HUNT, CHIEF FINANCIAL OFFICER

Travelers Casualty and Surety Company of America
(Surety) *(Seal)*

By:
(Title) Rita Losquadro, Attorney-in-Fact



CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT Civil Code § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
) ss
County of ORANGE)

On October 9, 2019, before me, LAUREN WAGGONER, Notary Public, personally appeared Stephen Hunt, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

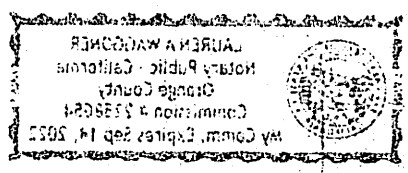
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

LAUREN A WAGGONER
Notary Public - California
Orange County
Commission # 2258054
My Comm. Expires Sep 14, 2022

Signature: _____

(Seal) , Notary Public


LAUREN A WADDSNER
Notary Public - California
Orange County
Commission # 2236054
My Comm. Expires Sep 14, 2022

TRAVELERS	Travelers Casualty and Surety Company of America Travelers Casualty and Surety Company St. Paul Fire and Marine Insurance Company

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint **Rita Losquadro** of **UNIONDALE**, **New York**, their true and lawful Attorney-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **17th** day of **January**, **2019.**

State of Connecticut

City of Hartford ss.

By: _____
Robert L. Raney, Senior Vice President

On this the **17th** day of **January**, **2019**, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission expires the **30th** day of **June**, **2021**

_____
Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this **8th** day of **October**, **2019**.

_____
Kevin E. Hughes, Assistant Secretary

To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
Please refer to the above-named Attorney-in-Fact and the details of the bond to which this Power of Attorney is attached.

ACKNOWLEDGMENT OF SURETY COMPANY

STATE OF NEW YORK)

COUNTY OF NASSAU)

On this October 8, 2019, before me personally came Rita Losquadro to me known, who, being by me duly sworn, did depose and say; that he/she resides in Nassau County, State of New York that he/she is the Attorney-In-Fact of the Travelers Casualty and Surety Company of America the corporation described in which executed the above instrument; that he/she knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that is was so affixed by the Board of Directors of said corporation; and that he/she signed his/her name thereto by like order; and the affiant did further depose and say that the Superintendent of Insurance of the State of New York, has pursuant to Section 1111 of the Insurance Law of the State of New York, issued to Travelers Casualty and Surety Company of America (Surety) his/her certificate of qualification evidencing the qualification of said Company and its sufficiency under any law of the State of New York as surety and guarantor, and the propriety of accepting and approving it as such; and that such certificate has not been revoked.

Notary Public

DONNA MARIE SPIELMAN
Notary Public, State of New York
No. 01SP6248741
Qualified in Nassau County
Commission Expires 09/19/2023

NY acknowledgement

TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA

HARTFORD, CONNECTICUT 06183

FINANCIAL STATEMENT AS OF DECEMBER 31, 2018

CAPITAL STOCK $ 6,480,000

ASSETS		LIABILITIES & SURPLUS	
CASH AND INVESTED CASH	$ 36,728,596	UNEARNED PREMIUMS	$ 979,007,378
BONDS	3,507,432,239	LOSSES	750,995,504
STOCKS	294,199,598	LOSS ADJUSTMENT EXPENSES	166,673,871
INVESTMENT INCOME DUE AND ACCRUED	38,287,129	COMMISSIONS	45,868,584
OTHER INVESTED ASSETS	3,507,839	TAXES, LICENSES AND FEES	14,584,663
PREMIUM BALANCES	250,478,792	OTHER EXPENSES	43,858,534
NET DEFERRED TAX ASSET	48,781,239	CURRENT FEDERAL AND FOREIGN INCOME TAXES	10,143,037
REINSURANCE RECOVERABLE	29,278,755	REMITTANCES AND ITEMS NOT ALLOCATED	21,277,153
SECURITIES LENDING REINVESTED COLLATERAL ASSETS	14,277,262	AMOUNTS WITHHELD / RETAINED BY COMPANY FOR OTHERS	30,289,553
RECEIVABLES FROM PARENT, SUBSIDIARIES AND AFFILIATES	27,813,266	RETROACTIVE REINSURANCE RESERVE ASSUMED	810,360
ASSUMED REINSURANCE RECEIVABLE AND PAYABLE	626,488	POLICYHOLDER DIVIDENDS	10,410,755
OTHER ASSETS	4,936,229	PROVISION FOR REINSURANCE	7,641,356
		ADVANCE PREMIUM	1,608,777
		REINSURANCE PAYABLE ON PAID LOSSES & LOSS ADJ. EXPENSES	868,002
		PAYABLE FOR SECURITIES LENDING	14,277,262
		CEDED REINSURANCE NET PREMIUMS PAYABLE	46,469,976
		OTHER ACCRUED EXPENSES AND LIABILITIES	335,489
		TOTAL LIABILITIES	$ 2,145,120,254
		CAPITAL STOCK	$ 6,480,000
		PAID IN SURPLUS	433,803,760
		OTHER SURPLUS	1,670,943,418
		TOTAL SURPLUS TO POLICYHOLDERS	$ 2,111,227,178
TOTAL ASSETS	$ 4,256,347,432	TOTAL LIABILITIES & SURPLUS	$ 4,256,347,432

STATE OF CONNECTICUT)

COUNTY OF HARTFORD) SS.

CITY OF HARTFORD)

MICHAEL J. DOODY, BEING DULY SWORN, SAYS THAT HE IS SECOND VICE PRESIDENT, OF TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA.

AND THAT TO THE BEST OF HIS KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT STATEMENT OF THE FINANCIAL CONDITION OF SAID COMPANY AS OF THE 31ST DAY OF DECEMBER, 2018.

Michael J. Doody

VICE PRESIDENT, FINANCE

Susan M. Weissleder

NOTARY PUBLIC

SUBSCRIBED AND SWORN TO BEFORE ME THIS
28TH DAY OF MARCH, 2019

SUSAN M. WEISSLEDER
Notary Public
My Commission Expires November 30, 2022

SUSAN M. WEISSLEDER NOTARY PUBLIC CONNECTICUT